



Division File

217/782-6761

Refer to: 0316000025 -- Cook County
Chicago/Interlake Landfill Site
Superfund/Technical Reports

EPA Region 5 Records Ctr.



356275

July 15, 1991

J. Jerome Sisul
Assistant Attorney General
Environmental Control Division
100 W. Randolph St., 12th Flr.
Chicago, Illinois 60601

Dear Mr. Sisul:

In accordance with your letter dated June 4, 1991, enclosed is a copy of the Agency's and Waste Management's correspondences concerning the above reference site. The entire reports from Waste Management are not included, only the cover letters to the reports.

If you have any questions, please contact me at 217/785-0231.

Sincerely,

Steve Gobelman, P.E.
Project Manager
Immediate Removal Unit
Remedial Project Management Section
Division of Land Pollution Control

Enclosure

cc: Division File
Northern Region

Waste Management of Illinois, Inc.
P.O. Box 1000
8th and Calumet Expressway
Calumet, Illinois 60440
2/646-8029



Waste Management Company

Project File
216 000025-Cook
Chicago/Interlake LF
Suppld / John Rpt.

July 27, 1990

Mr. Steve Gobelman
Illinois Environmental Protection Agency
Division of Land Pollution Control
Remedial Project Management Section
2200 Churchill Road
Springfield, Illinois 62707

RE: **Interlake**

Dear Mr. Gobelman:

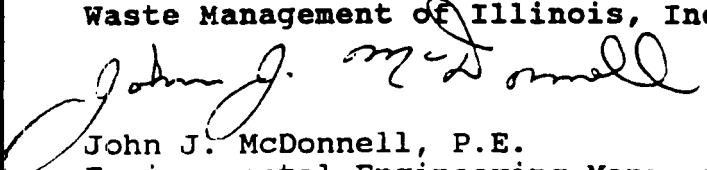
As discussed by phone, enclosed is an extra copy of the Hydrogeologic Investigation of the Interlake Site. This is the same report provided to Mr. Timothy J. Murphy during his site inspection last summer. Also, a copy of this report is on file with the Permit Section (Calumet Area Project submittal date 4/27/84).

The report represents a comprehensive subsurface investigation of the property. Geotechnical and environmental conditions were included in this study. We would appreciate your review of this report and the preliminary plans for containment and capping along the southern boundary of this property. The two sheet plan set, submitted to you previously, represents our proposal to the Attorney General for remediation. Before moving forward with this project, the Attorney General recommended your review.

Please call me if you have any questions.

Very truly yours,

Waste Management of Illinois, Inc.


John J. McDonnell, P.E.
Environmental Engineering Manager
Midwest Region

cc: Fred Krikau
Kurt Thaus
Ann Straw

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Illinois Environmental Protection Agency

P.O. Box 19276, Springfield, IL 62794-9276

217/782-6761

Refer to: 0316000025 -- Cook County
Chicago/Interlake Landfill Site
Superfund/Technical Reports

November 29, 1990

Waste Management of Illinois, Inc.
Attention: John McDonnell, P.E.
P.O. Box 1309
138th and Calumet Expressway
Calumet City, Illinois 60409

Dear Mr. McDonnell:

The Agency has reviewed the information submitted June 6, 1990 and additional information submitted July 27, 1990. The Agency cannot approve of the remediation of the site with a slurry wall - cap design without knowing the extent of contamination present on-site. The Agency therefore recommends that Waste Management perform a remedial investigation. The purpose of the remedial investigation is to determine the full extent and type of contamination at the site due to the waste, hazardous substances, and other contaminated materials in the soil, surface water, groundwater, and containers. The investigation should determine the horizontal and vertical extent of the contamination present on-site. Determine and quantify the presence of volatile organics, acid/base/neutrals, polychlorinated biphenyl (PCBs), pesticides, metals (total), and a complete scan for compounds using the toxicity characteristic leaching procedure (TCLP) which will include metals.

Based on this remedial investigation Waste Management should prepare a feasibility study. The feasibility study shall develop and evaluate remedial alternatives, including an environmental assessment, and recommend the appropriate cost-effective remedial action. The Agency will establish cleanup objectives for the soil and groundwater. Cleanup objectives are the maximum concentrations of specific contaminants allowable to remain on-site after remediation is complete.



Illinois Environmental Protection Agency P.O. Box 19276, Springfield, IL 62794-9276

In the future, please submit three (3) copies of any reports involving the above remediation to the Agency. If you have any questions, please contact me at 217/785-0231.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Gobelman", with a long horizontal flourish extending to the right.

Steve Gobelman, Project Manager
Immediate Removal Unit
Remedial Project Management Section
Division of Land Pollution Control

cc: Division File
Northern Region



^a Site Management Company

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Chicago / Interlake
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Mr. Steve Gobelman, Project Manager
Immediate Removal Unit
Remedial Project Management Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

RE: 0316000025-Cook County
Interlake
Progress Report

As discussed by phone today, we intend to submit our first progress report for Interlake by the week of April 15, 1991. Additional time has been required to review and finalize work performed by our wetlands consultant at Interlake.

Very truly yours,

John J. McDonnell, P.E.
Environmental Engineering Manager
Midwest Region

cc: Bill Schubert
Ann Straw
Rich De Young
Bert Maline

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1991

Project File

Waste Management of Illinois, Inc.
P.O. Box 1009
10th and Calumet Expressway
Chicago, Illinois 60609
312-646-3699



A Waste Management Company

May 3, 1991

0316 000025--Cook
Chicago / Interlake
Superfund / Tech Rept

Mr. Steve Gobelman, Project Manager
Immediate Removal Unit
Remedial Project Management Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

RE: 0316000025-Cook County
Interlake
Progress Report

Dear Mr. Gobelman:

Attached is Progress Report #1 from our consultant, Integrated Site, Inc. which was prepared for the subject site. Although this report focuses on wetland assessment; information gathered on surface water quality, sediment and delineation of subsurface conditions is directly applicable to our remediation strategy for Interlake. Intact wetlands and areas which require wetland enhancement and isolation are in the north and central portion of the property. Previous waste disposal has occurred and was documented in the southern portion of the facility. The southern portion of the facility can be divided into a west and east half. The east half is primarily slag and the west half includes slag with tar, ash and other debris.

We believe this report supports the focus of our remediation plan previously submitted to the Agency. Containment and capping the southwest area of Interlake is the proposed remediation.

The Progress Report recommends some additional sampling and study at the facility which we intend to continue this summer. After you have had a chance to review the report it may be useful for us to meet to discuss the next step in your program.

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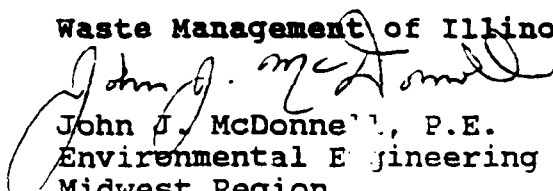
MAY 6 1991

IEPA/DLPC

Please call me if you have any questions.

Very truly yours,

Waste Management of Illinois, Inc.



John J. McDonnell, P.E.
Environmental Engineering Manager
Midwest Region

cc: Mary Ryan
Ann Straw
Rich De Young
Bill Schubert

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Chicago/Interlake Landfill Site
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July 15, 1991

Waste Management of Illinois, Inc.
Attention: John McDonnell, P.E.
P.O. Box 1309
138th and Calumet Expressway
Calumet City, Illinois 60409

Dear Mr. McDonnell:

The Agency has reviewed the Progress Report #1 submitted May 3, 1991. Although the report gives a good overview of the site history and details the population of wildlife and vegetation and the effect of the contamination found on-site. The report does very little in determining the rate and extent of contamination on-site. Therefore, the Agency restates its recommendations made to Waste Management in the November 29, 1990 correspondence.

The Agency recommends that Waste Management perform a remedial investigation. The purpose of the remedial investigation is to determine the full extent and type of contamination at the site due to the waste, hazardous substances, and other contaminated materials in the soil, surface water, groundwater, and containers. The investigation should determine the horizontal and vertical extent of the contamination present on-site. Determine and quantify the presence of volatile organics, acid/base/neutral, polychlorinated biphenyl (PCBs), pesticides, metals (total), and a complete scan for compounds using the toxicity characteristic leaching procedure (TCLP) which will include metals.

Based on this remedial investigation Waste Management should prepare a feasibility study. The feasibility study shall develop and evaluate remedial alternatives, including an environmental assessment, and recommend the appropriate cost-effective remedial action. The Agency will establish cleanup objectives for the soil and groundwater. Cleanup objectives are the maximum concentrations of specific contaminants allowable to remain on-site after remediation is complete.



In the future, please submit three (3) copies of any reports involving the above remediation to the Agency. Before any work can begin on-site, a work plan and site safety plan must be submitted for Agency approval. If you have any questions, please contact me at 217/785-0231.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Gobelman", written over a horizontal line.

Steve Gobelman, P.E.
Project Manager
Immediate Removal Unit
Remedial Project Management Section
Division of Land Pollution Control

cc: Division File
Northern Region
J. Jerome Sisul - Assistant Attorney General